

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Olgica Bakajin et al

Docket No. IL-11046

Customer No: 24981

Serial No. :

Art Unit :

Filed :

Examiner :

For : MICROFLUIDIC SIEVE USING INTERTWINED,
FREE-STANDING CARBON NANOTUBE MESH
AS ACTIVE MEDIUM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Forwarded herewith is an Information Disclosure Statement, Form-1449, in the above-identified application. Copy of the cited reference is enclosed.

Respectfully submitted,


James S. Tak
Agent for Applicants
Registration No. 46,367

Dated: 7-3-03

Enclosure:
As noted above

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
Examiner Name					
Sheet	1	of	1	Attorney Docket Number IL-11046	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		6110247		Birmingham et al	08-29-2000	
		6359288	B1	Ying et al	03/19/2002	
		6203814	B1	Fisher et al	03-20-2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	01/63273	A2	Noca, Flavio et al	08-30-2001		
		WO	97/38312		Khoury, Simon	10-16-1997		
		WO	02/49762	A2	Lange, Frederick et al	06-27-2002		

Examiner Signature		Date Considered	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
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		Examiner Name			
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		BENJAMIN MESSER et al	Microchannel Networks for Nanowire Patterning	J. Am. Chem. Soc. 2000/22, 10232-10333	
		X.Y. ZHANG et al	Template synthesis of High-Density Carbon Nanotube Arrays	Journal of Crystal Growth 233 (2001) 306-310	
		JIAN CHEN et al	Room-Temperature Assembly of Directional Carbon Nanotube Strings	J. Am. Chem. Soc. Vol. 124, No. 5 2002 pgs. 758-759	
		Y.C. SUI et al	Synthesis of Multi Branched Carbon Nanotubes in Porous Anodic Aluminum Oxide Template	Carbon 39 (2001) 1709-1715	
		JIAN CHEN et al	Room-Temperature Assembly of Directional Carbon Nanotube Strings	Advanced Technologies Group, Zyvex Corporation	
		TAKASHI, KYOTANI ET AL	Synthesis of carbon nanotube composites in nanochannels of an anodic aluminum oxide film	Inst. Chem. Reaction Sci., Tohoku University, Japan Bulletin of the Chem. Soc. Of Japan (1999) 72,(9), 1957-1970	
		TAKASHI, KYOTANI	Preparation of Ultrafine Carbon Tubes in Nanochannels of an Anodic Aluminum Oxide Film	Chem. Mater., 1996, 8, 2109-2113	
		J.LI, C. PAPADOPOULOS ET AL	Highly-ordered Nanotube Arrays for Electronics applications	Applied Physics Letters vol. 75 Number 3 July 19, 1999	

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